

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53	TSxEL or TS adj2 X adj2 EL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 11:13
L4	2	EP "586704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 11:24
L5	57	high adj2 (yield adj2 ratio) and weldability and steel adj2 (sheet or plate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 11:26
L6	26	high adj2 (yield adj2 ratio) and weldability AND NIPPON STEEL.AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/06 11:30

S1	2	"20070029015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 14:27
S2	217	(Yoshinaga near2 Naoki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 14:28
S3	9	(Hiwatashi near2 Shunji).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 14:28
S4	24	(Sakuma near2 Yasuharu).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 14:28
S5	150	(Itami near2 Atsushi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 14:29

S6	369	S2 or S3 or S4 or S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 14:29
S7	2	WO "9823785"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:25
S8	68	S6 and Mpa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:28
S9	370	S6 or S7 or S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:32
S10	17	(5312493 6540864 6306527)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33

S11	2	"20020136661"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33
S12	2	EP "903419"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33
S13	1	WO "03031669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33
S14	1	WO "03018857"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33
S15	2	EP "1264910"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33

S16	2	JP "2001140022"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:33
S17	2	EP "1264910"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:34
S18	2	JP "2002322533"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:34
S19	2	JP "2002317246"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:34
S20	2	JP "2002115025"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:34

S21	2	JP "2002097545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:34
S22	2	JP "2002080933"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:34
S23	2	EP "1264910"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:35
S24	2	JP "2000319750"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:35
S25	2	JP "2001355043"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:35

S26	2	JP "2000178681"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:36
S27	2	JP "2000282175"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:37
S28	2	JP "2001220647"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:37
S29	2	JP "2001226741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:37
S30	2	JP "2002129279"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:37

S31	26	(S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30) not S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:39
S32	396	(S31 or S9)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:57
S33	132123	Nippon Steel.as. not S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:58
S34	4504	S33 and (C or carbon) and (si or silicon) and (manganese or Mn) and (phosphorus or P) and (s or sulfur or sulphur) and (aluminium or aluminum or Al) and (N or nitrogen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 15:59
S35	1044	S34 and (titanium or ti) and (niobium or columbium or Cb or Nb) and (molybdenum or Mo) and (boron or B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:00



S36	1002	S35 and ((chromium or cr) or (nickel or ni) or (cu or copper) or (cobalt or co) or (tungsten or w))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:01
S37	131	S33 and (high or large or big) near5 (yield adj2 ratio) and (steel adj2 (sheet or plate)) and (high or great) near5 strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:09
S38	25	S33 and (high or large or big) adj2 (yield adj2 ratio) and (steel adj2 (sheet or plate)) and (high or great) adj2 strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:13
S39	421	S38 or S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:22
S40	80	((high or large or big) adj2 (yield adj2 ratio) and (steel adj2 (sheet or plate)) and (high or great) adj2 strength) not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:23

S41	141	(high or large or big) adj2 (yield adj2 ratio) and (steel adj2 (sheet or plate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:31
S42	56	(steel near5 (sheet or plate)) and '110' near2 plane near10 (ratio or intensity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:34
S43	51	S42 not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:34
S44	6	S43 and (hot adj2 dip or hot-dip or galvani\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:35
S45	55	steel near5 (sheet or plate) and ('110' near5 plane) near5 (intensity or ratio or percent\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:40

S46	48	S45 not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:41
S47	473	S46 or S44 or S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:44
S48	2871	148/320,330,331,529,530,533,337.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:51
S49	1457	420/120,121,123,124,126,127.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:51
S50	1016	428/659.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:51

S51	1140	(S48 or S49 or S50) not S47 and (carbon or c) and (silicon or si) and (manganese or mn) and (phosphorus or p) and (sulfur or sulphur or s) and (aluminum or aluminium or Al) and (nitrogen or N)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:52
S52	502	S51 and (titanium or ti) and (niobium or columbium or Cb or Nb) and (molybdenum or Mo) and (boron or B)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:53
S53	289	S52 and (chromium or nickel or copper or cobalt or tungsten)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:54
S54	13	S53 and (high or large) near5 (yield adj2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:55
S55	76	S53 and (hot adj2 dip or hot-dip or galvaniz\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 16:55

S56	9	(kawasaki Steel.as. or Sumitomo.as.) not (S54 or S47) and weldab\$8 and (high or great) adj2 strength and (high or large) adj2 (yield adj2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:02
S57	32241	C22C038/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:03
S58	4672	C22C038/14.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:03
S59	5387	C22C038/58.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:03
S60	3160	C23C002/06.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:03

S61	806	(S57 or S58 or S59) and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:04
S62	42	(S57 or S58 or S59) and S60 and (sheet or plate) and yield adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:04
S63	8	(S57 or S58 or S59) and S60 and (sheet or plate) and (high or big or large or great) adj2 (yield adj2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:05
S64	52	(M13-A01 or M13-A02) and (M27-C02)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:06
S65	498	(S63 or S56 or S54 or S47)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 17:07

S66	5	"2001049012"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 18:26
S67	2	"2001247306"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 18:26
S68	7	S66 or S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 18:26
S69	3	"2003213370"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 18:47
S70	2	EP "952235"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 19:31

S71	215	Nippon Steel.as. and spot adj2 weldability	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 19:33
S72	8	Nippon Steel.as. and spot adj2 weldability and high adj2 (yield adj2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 19:34
S73	18	Nippon Steel.as. and weldability and high adj2 (yield adj2 ratio) not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 19:34
S74	41	weldability and high adj2 (yield adj2 ratio) not (S72 or S73)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 19:36
S75	571	(xray or x-ray) and (intensity near5 ratio) and steel near5 (sheet or plate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 20:21



S76	13	(xray or x-ray) and (intensity near5 ratio) and steel near5 (sheet or plate) and high near5 (yield adj2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 20:21
S77	2	"20060230879"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 20:27
S78	2	"20070137435"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/05 20:58

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